Contents

(Abstracts/contents list published in Biological Abstracts, Biological & Agricultural Index, Current Advances in Ecological Science, Current Awareness in Biological Sciences, Current Contents AB & ES, Ecological Abstracts, Environment Abstracts, Environmental Bibliography, Forestry Abstracts, Geo Abstracts, GEOBASE, Referativnyi Zhurnal)

Special Issue: Conservation of biological diversity in temperate and boreal forest ecosystems

Conservation of biological diversity in temperate and boreal forest ecosystems
T.W. Norton (Canberra, A.C.T., Australia) 1
Conservation in temperate forests: what do we need to know and do?
P.R. Ehrlich (Stanford, CA, USA) 9
Conserving biological diversity in Australia's temperate eucalypt forests
T.W. Norton (Canberra, A.C.T., Australia) 21
The paradox of forest conservation in South Africa
J.G. Castley and G.I.H. Kerley (Port Elizabeth, South Africa) 35
Biodiversity in natural versus managed forest in Denmark
M. Christensen (Århus, Denmark) and J. Emborg (Copenhagen, Denmark) 47
Binoculars and satellites: developing a conservation framework for boreal forest wildlife at varying scales
D.A. Welsh and L.A. Venier (Nepean, Ont., Canada) 53
Implementing biodiversity conservation through the British Columbia Forest Practices Code
M. Fenger (Victoria, B.C., Canada) 67
Old-growth forest studies in Victoria, Australia. Concepts and principles
P.W. Woodgate, B.D. Peel, J.E. Coram, S.J. Farrell, K.T. Ritman and A. Lewis (East Melbourne, Vic., Australia) 79
Current approaches to modelling the environmental niche of eucalypts: implication for management of forest biodiversity
M.P. Austin and J.A. Meyers (Lyneham, A.C.T., Australia) 95
Biological inventory for conservation evaluation I. Design of a field survey for diurnal, terrestrial birds in southern Australia
H.M. Neave, T.W. Norton and H.A. Nix (Canberra A.C.T., Australia) 107
Biological inventory for conservation evaluation II. Composition, functional relationships and spatial prediction of bird assemblages in southern Australia
H.M. Neave, T.W. Norton and H.A. Nix (Canberra A.C.T., Australia) 123
Designing surveys for microchiropteran bats in complex forest landscapes—a pilot study from south-east Australia
D.J. Mills, T.W. Norton (Canberra, A.C.T., Australia), H.E. Parnaby (Sydney South, N.S.W., Australia), R.B. Cunningham and H.A. Nix (Canberra, A.C.T., Australia) 149
Modelling distributions of arboreal and ground-dwelling mammals in relation to climate, nutrients, plant chemical defences and vegetation structure in the eucalypt forests of southeastern Australia
S.J. Cork and P.C. Catling (Lyneham, A.C.T., Australia) 163
Eucalypts, arthropods and birds: on the relation between foliar nutrients and species richness
H.F. Recher (Armidale, N.S.W., Australia), J.D. Majer (Perth, W.A., Australia) and S. Ganesh (Palmerston North, New Zealand) 177
Biological inventory for conservation evaluation III. Relationships between birds, vegetation and environmental attributes in southern Australia
H.M. Neave, R.B. Cunningham, T.W. Norton and H.A. Nix (Canberra A.C.T., Australia) 197
Conserving biodiversity and the recognition of heterogeneity in ancient landscapes: a case study from south-western Australia
G. Wardell-Johnson (Woodvale, W.A., Australia) and P. Horwitz (Joondalup, W.A., Australia) 219
Biodiversity and management of riparian vegetation in Western Australia
C.N. Hancock, P.G. Ladd and R.H. Froend (Murdoch, W.A., Australia) 239
Integrating conservation and forestry production: exploring trade-offs between biodiversity and production in regional land-use assessment
D.P. Faith, P.A. Walker, J.R. Ive and L. Belbin (Lyneham, A.C.T., Australia) 251
Fire regimes and biodiversity: the effects of fragmentation of southeastern Australian eucalypt forests by urbanisation, agriculture and pine plantations
A.M. Gill and J.E. Williams (Canberra, A.C.T., Australia) 261
Benign neglect and active management in Tasmania's forests: a dynamic balance or ecological collapse?
M.J. Brown (Tasmania, Australia) 279

Comparison of managed and pre-settlement landscape dynamics in forests of the Pacific Northwest, USA
D.O. Wallin, F.J. Swanson, B. Marks (Corvallis, OR, USA), J.H. Cissel (Blue River, OR, USA) and J. Kertis (Corvallis, OR, USA) 291
How well protected are the forests of north-eastern New South Wales? — Analyses of forest environments in relation to formal protection measures, land tenure, and vulnerability to clearing
R.L. Pressey, S. Ferrier (Armidale, N.S.W., Australia), T.C. Hager, C.A. Woods, S.L. Tully (Hurstville, N.S.W., Australia) and K.M. Weinman (Armidale, N.S.W., Australia) 311
Will forest preserves protect temperate and boreal biodiversity from climate change?
P.H. Martin (Ispra, Italy) 335